

**PARCEL NUMBER: BLM 1 LAKE OROVILLE LOCATION: West Branch**

**CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	O	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	O	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
O	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
I	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	E	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	E	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	O	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	O	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	O	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	O	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	I	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: BLM 2 LAKE OROVILLE LOCATION: West Branch**

**CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	O	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	O	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	O	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	O	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	O	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	O	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
I	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	E	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	E	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
O	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	I	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

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**PARCEL NUMBER: BLM 3 LAKE OROVILLE LOCATION: West Branch  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
O	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) 1b1111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
I	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	O	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	E	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	E	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
I	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

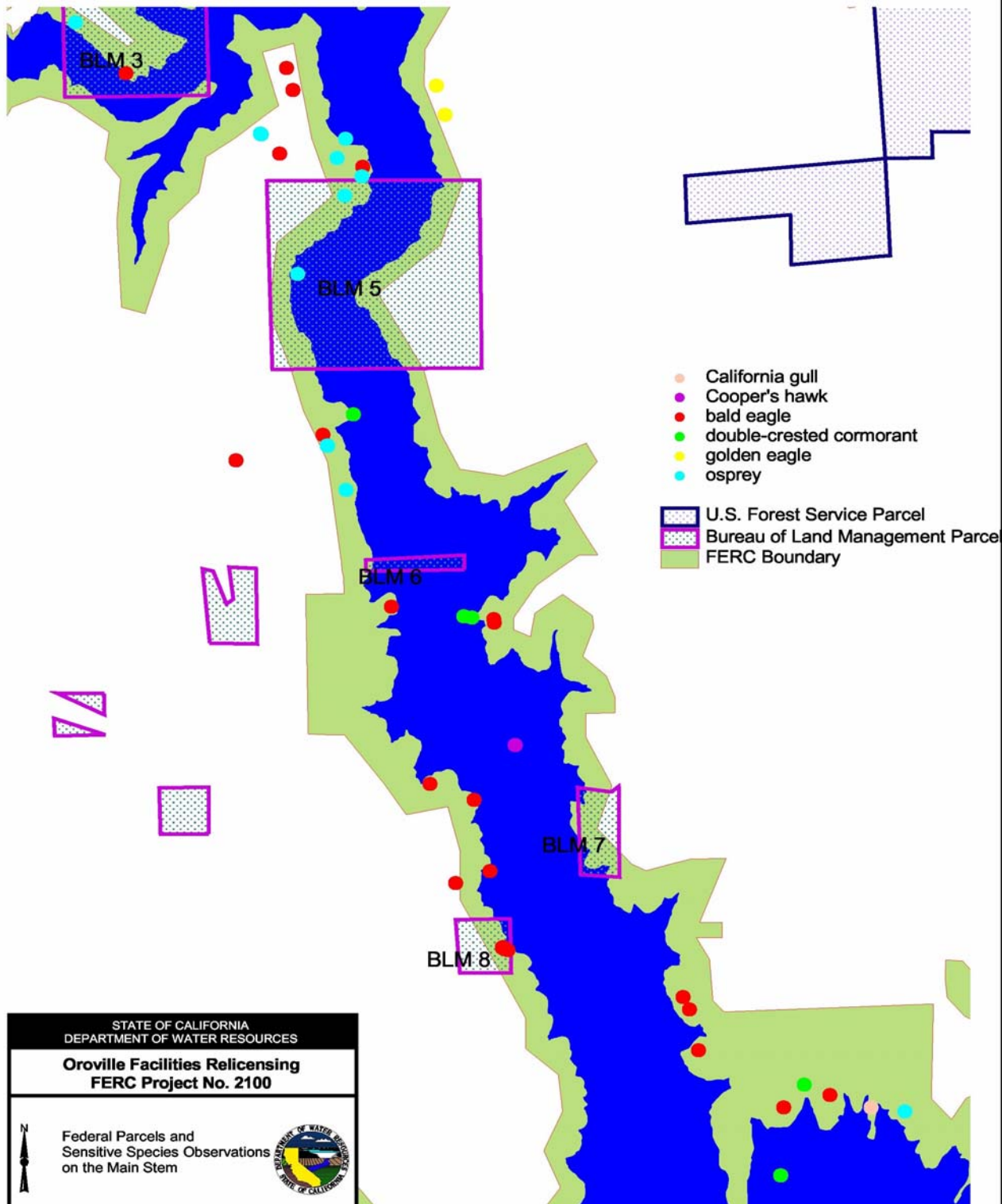
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**PARCEL NUMBER: BLM 5 LAKE OROVILLE LOCATION: Main Stem**  
**CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) 1b11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	O	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
I	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	E	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	E	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
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E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

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**PARCEL NUMBER: BLM 6 LAKE OROVILLE LOCATION: Main Stem  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	O	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	O	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
O	BARREN - Devoid of veg. within veg. area	O	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	O	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	O	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
O	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
O	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
O	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	O	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	O	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	O	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	O	TRANSMISSION LINES
O	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	O	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	O	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	O	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	O	SLASH, SMALL Residue 1-3" diameter	E	WHARF

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

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**PARCEL NUMBER: BLM 7 LAKE OROVILLE LOCATION: Main Stem  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	O	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	O	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
E	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam.	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	O	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	E	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	E	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

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**O** = element is nearby but outside of the parcel

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**PARCEL NUMBER: BLM 8 LAKE OROVILLE LOCATION: Main Stem  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	O	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	O	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
E	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	O	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	E	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	E	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.

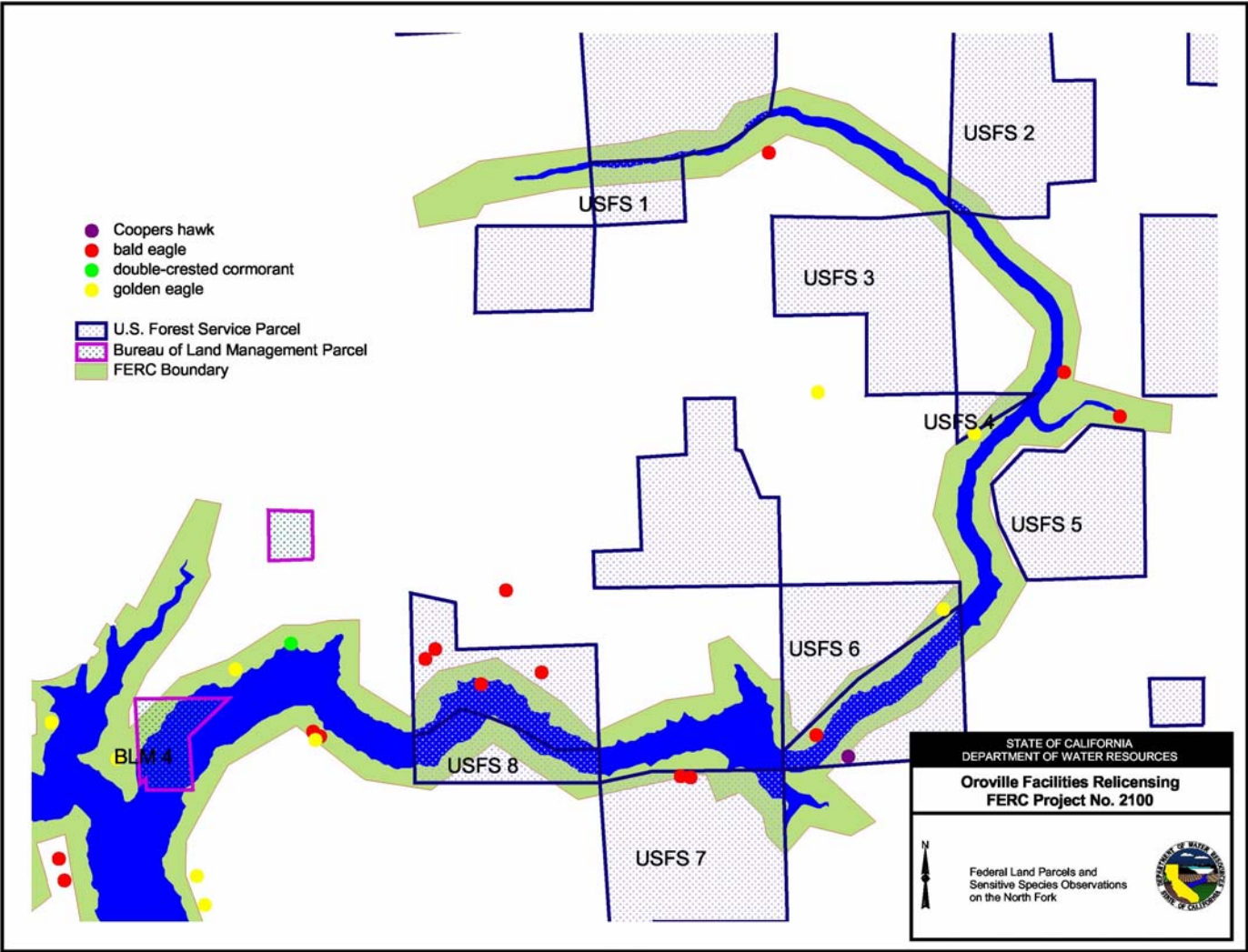
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

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**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

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**PARCEL NUMBER: BLM 4 LAKE OROVILLE LOCATION: North Fork**  
**CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	E	SNAG, LARGE (ROTTEN) >30" dbh
O	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	E	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
O	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	O	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
O	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	I	SLASH, SMALL Residue 1-3" diameter	E	WHARF

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**PARCEL NUMBER: USFS 1 LAKE OROVILLE LOCATION: North Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam.	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
O	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	E	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	E	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	O	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF



\_E\_ MINE

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: USFS 2 LAKE OROVILLE LOCATION: North Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	O	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	O	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
O	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	O	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	O	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	O	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	E	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	E	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	E	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.

E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

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**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

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**PARCEL NUMBER: USFS 3 LAKE OROVILLE LOCATION: North Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
O	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	E	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	E	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh

I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	E	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

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**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

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**PARCEL NUMBER: USFS 4 LAKE OROVILLE LOCATION: North Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	E	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	E	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
O	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	O	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface

E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

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**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: USFS 5 LAKE OROVILLE LOCATION: North Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	E	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	E	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES

I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: USFS 6 LAKE OROVILLE LOCATION: North Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS

I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	O	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

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**PARCEL NUMBER: USFS 7 LAKE OROVILLE LOCATION: North Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	E	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	E	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
E	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) 1b11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT

E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulp fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

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I = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

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### PARCEL NUMBER: USFS 8 LAKE OROVILLE LOCATION: North Fork CWHR HABITAT ELEMENT CHECKLIST

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
O	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT

I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

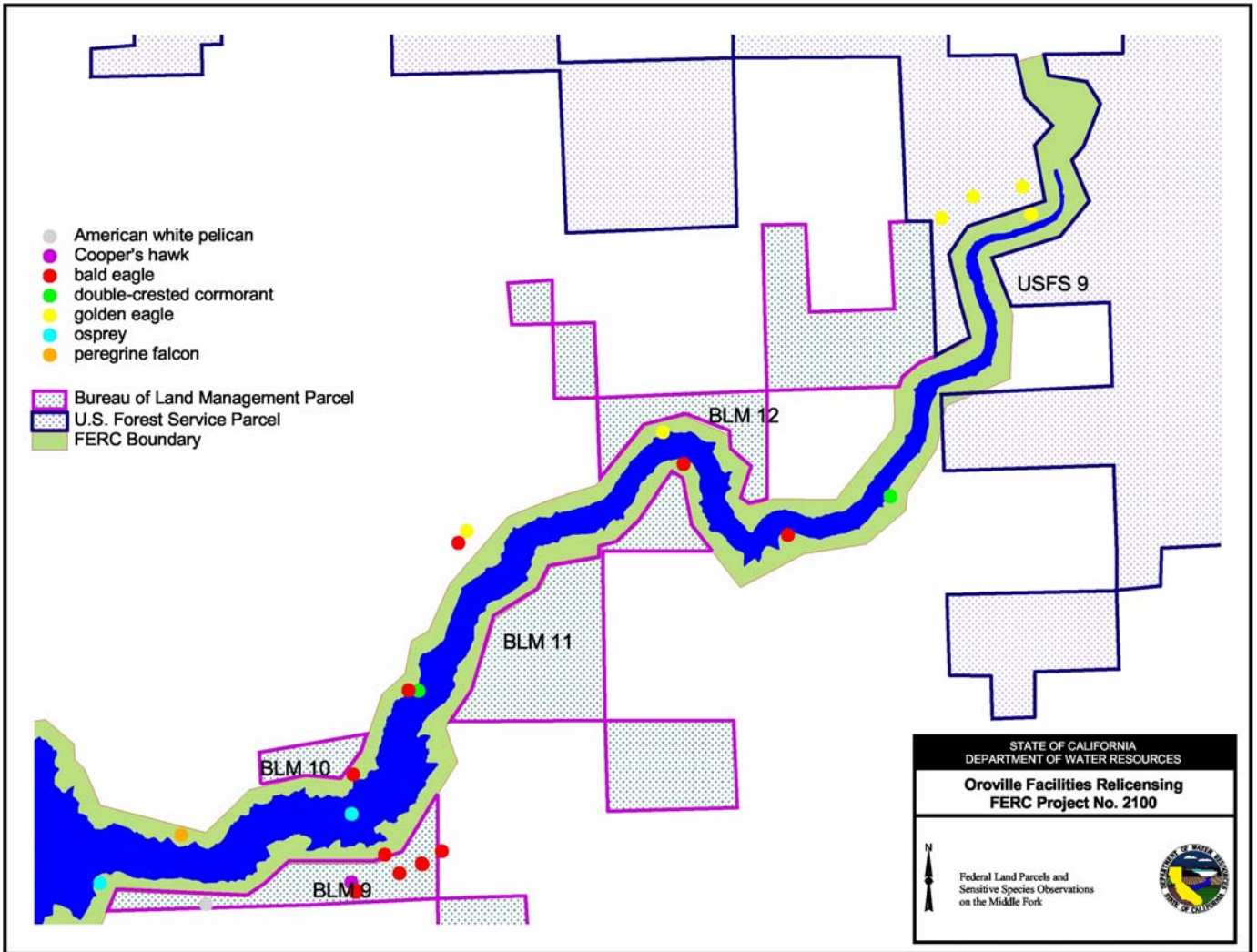
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**PARCEL NUMBER: USFS 9 LAKE OROVILLE LOCATION: Middle Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) 1b11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
O	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	I	STREAMS, PERMANENT
I	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	E	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	E	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	O	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

I = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to

assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: BLM 9 LAKE OROVILLE LOCATION: Middle Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
O	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	O	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	O	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	O	TRANSMISSION LINES
O	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	I	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: BLM 10 LAKE OROVILLE LOCATION: Middle Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	O	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	O	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	O	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	O	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	O	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
O	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	O	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	O	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	O	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	E	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	O	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	O	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.

E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

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**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: BLM 11 LAKE OROVILLE LOCATION: Middle Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
O	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	O	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	O	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	O	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh

I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	O	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: BLM 12 LAKE OROVILLE LOCATION: Middle Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
O	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
I	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	O	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface

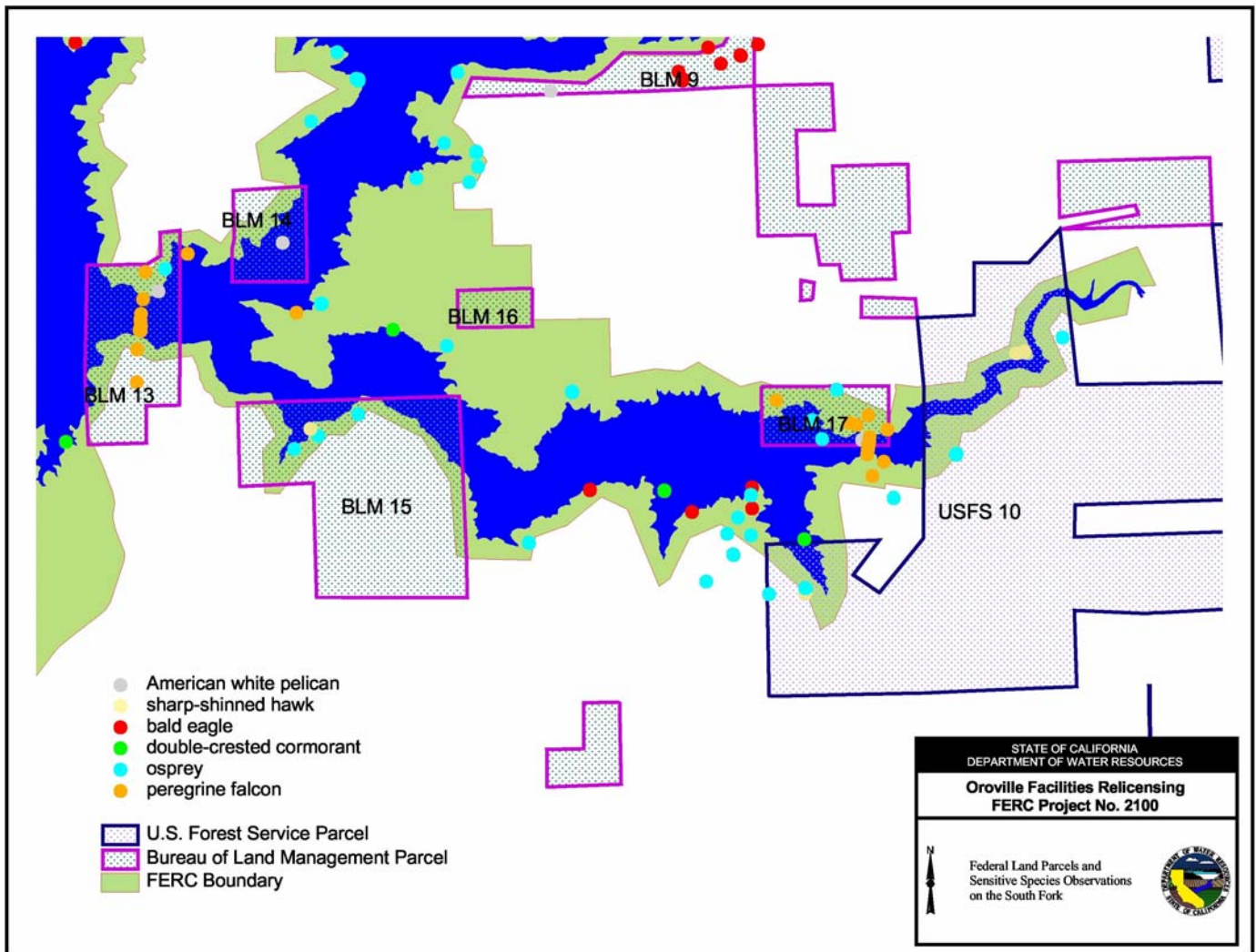
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	E	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	E	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	E	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)





**PARCEL NUMBER: USFS 10 LAKE OROVILLE LOCATION: South Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) 1b11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	I	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
I	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
I	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	O	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	I	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	I	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

I = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to

assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**NOTE:** Forbestown Rd. runs through parcel.

**PARCEL NUMBER: BLM 13 LAKE OROVILLE LOCATION: South Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	O	SNAG, LARGE (ROTTEN) >30" dbh
O	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	O	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	O	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	O	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	E	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
O	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
I	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
I	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	O	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface

I	LAKES - Permanent > 2ha (5 acres)	I	SLASH, SMALL Residue 1-3" diameter	E	WHARF
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\_E\_ MINE

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**NOTE:** A maintained dirt road, and unmaintained paved road, and the Olive Hwy run through parcel.

**PARCEL NUMBER: BLM 14 LAKE OROVILLE LOCATION: South Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	O	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	O	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	O	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	O	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	O	SNAG, SMALL (ROTTEN) <15" dbh
E	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	O	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	O	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	O	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	O	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
O	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	O	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	O	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	O	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	O	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh

I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	E	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	O	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	O	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	O	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	I	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearly but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: BLM 15 LAKE OROVILLE LOCATION: South Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
E	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb111111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
I	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	O	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	E	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface

E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	I	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

**E** = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: BLM 16 LAKE OROVILLE LOCATION: South Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
I	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
I	AQUATICS, SUBMERGED	O	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
E	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam.	I	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
I	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
O	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	O	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	O	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
I	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
E	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK

I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	I	SLASH, SMALL Residue 1-3" diameter	E	WHARF

\_E\_ MINE

I = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

O = element is nearby but outside of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

**PARCEL NUMBER: BLM 17 LAKE OROVILLE LOCATION: South Fork  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
E	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	I	SOIL, SANDY - Sand .05-2mm diam.
E	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
I	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	O	TRANSMISSION LINES
E	FENCES - Any type	E	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES

I	FERN - Spore-forming plants with fronds	I	REPTILES	O	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDES - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	O	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	E	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	O	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	E	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	O	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	O	SLASH, SMALL Residue 1-3" diameter	E	WHARF

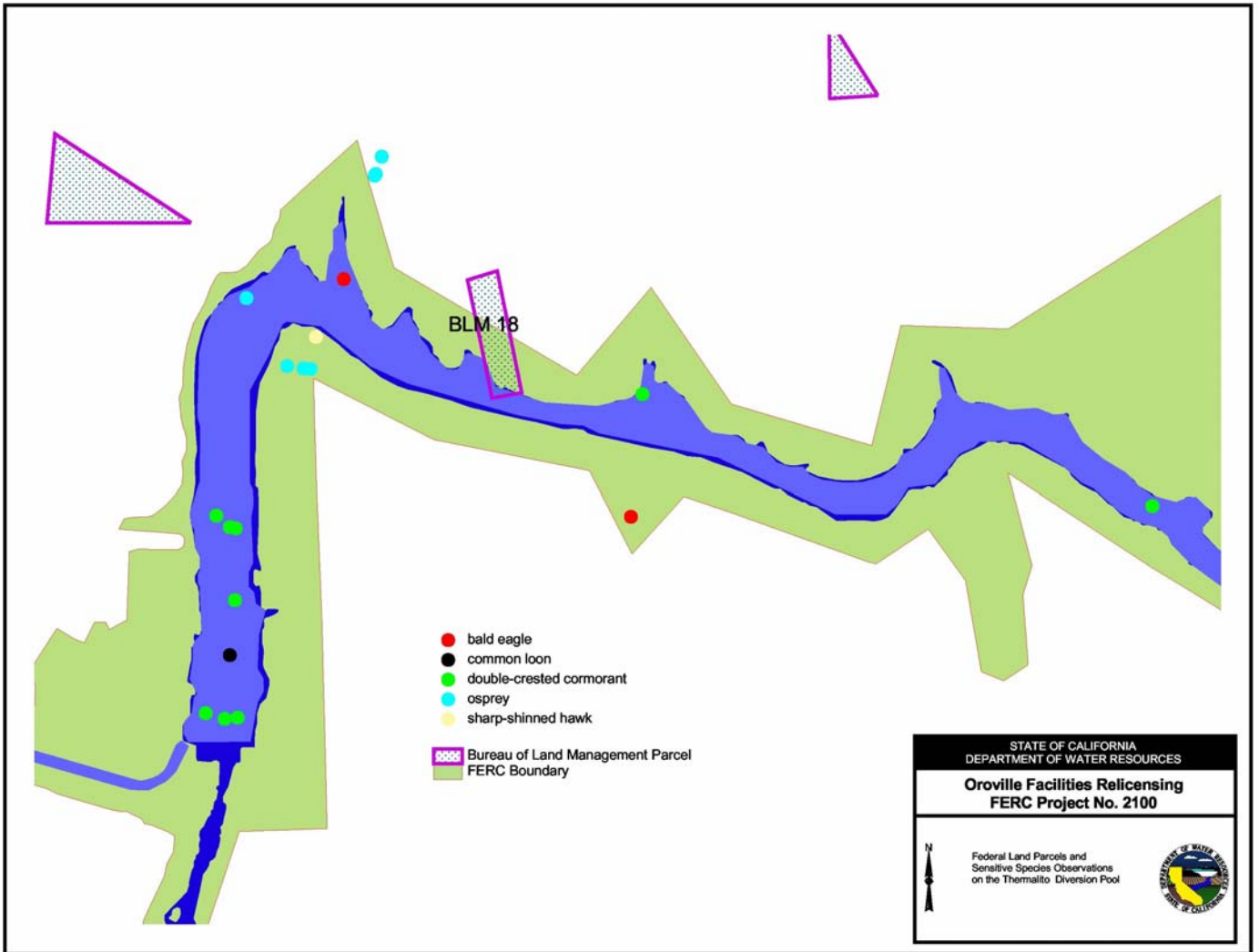
\_E\_ MINE

**I** = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

**O** = element is nearby but outside of the parcel

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**NOTE:** Lumpkin Rd. runs through parcel.





**PARCEL NUMBER: BLM 18 LAKE OROVILLE LOCATION: Thermalito Diversion Pool  
CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
I	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
I	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	E	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED. - 110-450g (4oz-1lb) lb11111111	I	LOG, MEDIUM (HOLLOW) 10-20" diam	E	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	E	SOIL, SALINE - Alkaline soils/veg.
E	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	E	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m <sup>2</sup> basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	E	SPRINGS-Freshwater springs, seeps
E	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED. - 110-2270g (4oz-5lb)	E	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	E	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	O	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	E	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
E	CAVE - Natural chamber open to surface	I	NECTAR	E	STREAMS, PERMANENT
E	CLIFF - Steep, vertical overhanging face	I	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	E	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	E	NEST ISLAND - Man-made nesting island	E	TALUS-Slope from rock accumulation
E	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	E	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	E	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
I	FENCES - Any type	I	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	O	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	E	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	E	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	E	SALT PONDS - Saline ponds	E	TREE/SHRUB - Interface
E	GRAIN - A single, hard cereal seed	E	SAND DUNE	E	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	E	TREES, FIR - <i>Abies sp.</i> >11" dbh
E	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
E	GRASS/WATER - Interface	E	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - <i>Pinus sp.</i> > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	E	SHRUB/GRASS - Interface	E	VERNAL POOLS
I	INSECTS, TERRESTRIAL	E	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	E	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	O	WATER, CREATED BODY- Guzzler, well, etc.
E	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
E	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	E	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	I	SLASH, SMALL Residue 1-3" diameter	E	WHARF

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**NOTE:** *maintained dirt road through parcel; cattle grazing*